

CLAIM (S)

The embodiments of the invention for which an exclusive property or privilege is claimed, are defined as follows:

1. A cage in which is mounted a reducer of space, said cage including:
a plurality of tubular members for receiving each insulating panel,
wherein a lower tubular member includes an angle iron for receiving a reinforcing sliding bar on ball being engaged to two lower members with slide rail,
wherein said reinforcing sliding bar allows to solidify the front structure of the cage when the pallet is withdrawn from the cage;
a reinforcing bar mounted in the center of each said insulating panel for solidifying the structure of the cage;
a pair of legs mounted under each lower tubular member located in bottom of the cage;
a weather strip mounted between each said lower tubular member and member with slide rail located in bottom of the cage;
a pair of hinges mounted to a tubular member for connecting a structure in which is engaged an insulating panel;
a weather strip mounted to the structure of a door;

a series of holes formed thereon a vapor barrier being fixed to a rigid plate mounted onto a pipe fixed to said tubular members located at the bottom of the cage, and

a mechanism that is comprised of a swivelling spiral means and controlled by a plate being fixed to each hole of an arm that allows to vapor barrier to be lowered against a pallet, and raised when the pallet is withdrawn from the cage.

2. A cage according to claim 1, wherein the reducer of space is manually displaced between each horizontal bar and above the frozen foods for reducing the space preserving the frozen foods and the use of ice bags or dry ice, and said reducer of space including:

a frame in which is mounted a rigid sheet, a rubber foam and a vapor barrier; and

fastening means fixed under said insulating panel located at the top of the cage for connecting said reducer of space therewith.

3. The reducer of space according to claim 1, is also mounted inside another structure which is adapted in an existing cage for frozen foods.